

AS 18

BOOKLET of Gen. Plans [redacted]-812A

DISTRIBUTION STATEMENT A
APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

UNCLASSIFIED

GENERAL DIMENSIONS
HULL

LENGTH OVERALL	530'-6 3/4"
LENGTH BETWEEN PERPENDICULARS	520'-0"
BREADTH, EXTREME	73'-4 3/16"
DRAFT CORRESPONDING TO TRIAL DISPLACEMENT	20'-6"

MOLDED HEIGHTS OF BRIDGES AND ELEVATED PLATFORMS AT ℄ OF SHIP

	ABOVE 20'-6" MWL	ABOVE MBL
HEIGHT OF MAIN DECK AT STEM	30'-9 1/2"	51'-3 1/2"
" MAIN DECK AFT	26'-6"	47'-0"
" UPPER DECK AT STEM	40'-0"	60'-6"
" UPPER DECK AFT	35'-2"	55'-8"
" SUPERSTRUCTURE DECK FWD	43'-11 7/8"	64'-5 7/8"
" SUPERSTRUCTURE DECK AFT	43'-1 1/8"	63'-7 1/8"
" BRIDGE DECK FWD	51'-1 1/2"	71'-7 1/2"
" BRIDGE DECK AFT	51'-1 1/2"	71'-7 1/2"
" TOP OF PILOT HOUSE FWD	59'-1 1/2"	79'-7 1/2"
" TOP OF PILOT HOUSE AFT	59'-1 1/8"	79'-7 1/8"
" SEARCHLIGHT PLATFORM PORT	80'-8 5/8"	101'-2 5/8"
" SEARCHLIGHT PLATFORM STBD	73'-2 3/4"	93'-8 3/4"
" CRANE POST STAT. PLATF (27'-0" OFF ℄)	52'-2 3/16"	72'-8 3/16"
" CRANE POST 1 MACH PLATF	53'-9 3/16"	74'-3 3/16"
" CRANE POST 2 MACH PLATF	59'-4 3/16"	79'-10 3/16"
" CRANE POST 3 MACH PLATF	64'-9 3/16"	85'-3 3/16"

MASTS & LIGHTS

MOLDED BASE LINE IS 1 3/8" ABOVE BOTTOM OF KEEL

	ABOVE 20'-6" MWL	ABOVE MBL
FORMAST		
HEIGHT OF MAST (TOP OF STUB MAST)	137'-4½"	157'-10½"
" TO UNDERSIDE OF PORTABLE SECT. OF STUB MAST	123'-5 1/4"	143'-11 1/4"
" OF ℄ ANTENNA YARD	125'-5 1/4"	145'-11 1/4"
" " TOP OF SPEED & AIRCRAFT WARNING LIGHTS P/S	117'-5"	137'-11"
" " MAN OVBD. LIGHT-UPPER	115'-11 3/4"	136'-5 3/4"
" " " " " LOWER	109'-10 3/4"	130'-4 3/4"
" " BLINKER LIGHTS P/S	97'-11 1/2"	118'-5 1/2"
" " ℄ ANTENNA YARD	96'-11 3/8"	117'-5 3/8"
" " ℄ MASTHEAD LIGHT	89'-6 1/2"	110'-0 1/2"
SIDELIGHTS		
HEIGHT OF SIDE LIGHTS P/S	51'-0 1/2"	71'-6 1/2"
MAINMAST		
HEIGHT OF TOP OF MAST (LESS HEIGHT OF 35' WHIP ANT.)	107'-2"	127'-8"
" " ℄ OF RANGE LIGHT	107'-2"	127'-8"
" " TOP OF SPEED & AIRCRAFT WARNING LIGHTS P/S	105'-4"	125'-10"
" " BLINKER LIGHTS P/S	101'-11 3/4"	122'-5 3/4"
" " ℄ ANTENNA YARD	101'-5 3/4"	121'-11 3/4"
" " 24" SEARCHLIGHT	68'-5 1/8"	88'-11 1/8"
JACKSTAFF		
HEIGHT OF ANCHOR LIGHT	65'-6"	86'-0"
" " TOP OF JACKSTAFF	64'-11 3/4"	85'-5 3/4"
STEERING LIGHT	50'-11"	71'-5"
ENSIGN STAFF		
HEIGHT OF ANCHOR LIGHT	43'-8 7/8"	64'-2 7/8"
" " TOP OF STAFF	43'-2 7/8"	63'-8 7/8"
" " WHITE & BLUE STERN LIGHT	31'-6"	52'-0"
" " WAKE LIGHT	31'-0"	51'-6"

OFFICER'S ACCOMODATIONS

DECK	NO. STATEROOMS TYPE		CABIN OFFICERS	WARDROOM OFFICERS		WARDROOM OFFICERS	
SUPER.	SINGLE	7	4		3		
	DOUBLE						
UPPER	SINGLE	7	1		6		
	DOUBLE	21			42		
MAIN	SINGLE	3			3		
	DOUBLE	3			6		
TOTALS			5		60		

1 MASTER AT ARMS STATEROOM ON SECOND DECK
21 BERTHS & 1 BED IN THE SICKBAY ON UPPER DECK

ACCOMODATIONS

OFFICERS

FLAG FORCE
REAR ADMIRAL 1
TOTAL 1

SHIP
CAPTAIN 1
OTHER COMMISSIONED OFFICERS 31
WARRANT OFFICERS 9
TOTAL 41

FLAG SQUADRON
CAPTAIN 1
OTHER COMMISSIONED OFFICERS 2
TOTAL 3

ENLISTED PERSONNEL

FLAG FORCE
CHIEF PETTY OFFICERS 4
OTHERS 51
TOTAL 55

SHIP
CHIEF PETTY OFFICERS 88
OTHERS 902
TOTAL 990

ENLISTED PERSONNEL BERTHING

LOCATION	BERTHS		HAMMOCK		PEACOAT STOWAGE		LOCKERS B-1	B	O		A		TRANSOM	
BRIDGE	15													
SUPER.	8													
UPPER	230													
MAIN	99													
2ND DECK	593													
3RD DECK	24													
TOTAL	969													

149 FOLDING COTS LOCATED TO SUIT

LIST OF SMALL BOATS

NO	NAME	CAPACITY	TOTAL CAPACITY
1	50' UTILITY BOAT	150	150
3	40' UTILITY BOAT	75	225
2	26' MOTOR BOAT	27	54
2	26' MOTOR WHALEBOAT	22	44
2	14' PUNT		

TOTAL ACCOMODATIONS ——— 473

ENLISTED PERSONNEL BERTHING (LESS CPO'S)

LOCATION	BERTHS	LOCKERS
A-204-L	145	145
A-205-L	117	117
C-202-L	140	140
C-203-L	137	191
C-0101-L	101	101
C-0102-2L	129	129
A-0404-L	15	15
C-307L	24	24
* COTS	114	
TOTAL	922	862

*WARTIME ALLOWANCE OF FOLDING COTS TO BE USED AT VARIOUS LOCS.

LIST OF FIRE PLUGS

DECK	FRAME		COMPARTMENT
BRIDGE	52	P	WEATHER
SUPER.	31	S	MANAGEMENT TRAINING FACILITY
	56	P	WEATHER
	83 1/2	P	
	115	S	
	115 3/4	P	
UPPER	11 3/4	S	
	11 3/4	P	
	25 1/2	S	
	29 1/2	P	
	49 3/4	P	
	51 1/2	S	
	81 3/4	P	CARPENTER SHOP (B-0113E)
	92 1/4	P/S	WEATHER
	115	S	
	115	P	
MAIN	20	S	CPO BERTHING (A-106-1L)
	30 1/4	P	WEATHER
	[illegible]	S	
	[illegible]	P	PASSAGE (A-109E)
	[illegible]	P	WEATHER
	[illegible]	S	
	[illegible]	S	
	[illegible]	P	
	[illegible]	S	
	[illegible]	P	
	[illegible]	S	
	[illegible]	P	
	81	P	RECORDS & SUPPLY OFFICE
	92	S	WEATHER
	94 1/4	P	
	117	S	
	121	P	
SECOND	21 1/4	S	CREW BERTHING (A-204-L)
	36	S	CREW MESS ROOM (A-206-L)
	82	S	MACHINE SHOP (B-201-E)
	68 1/4	P	MACHINE SHOP (B-201-E)
	91	P	STORES HANDLING SPACE (C-201-L)
	114 3/4	P	CREW BERTHING (C-203-1L)
THIRD	44	S	PASSAGE (A-314-2AE)
	62	S	WT TRUNK (B-305-T)
	61 3/4	S	TORPEDO ASSEMBLING RM. (A-323E)
2ND PLATFORM	30 1/2	S	UNASSIGNED (A-504M)
	74 1/2	S	AUX. MACH. RM. (B-2EA)
HOLD	76	P	[illegible]
	70	S	FWD ENG. RM. (B-1E)
	84	P	AFT MACH. RM. (B-3E)
	90 1/2	S	AFT ENG. RM. (B-3E)

TOTAL FIRE PLUGS: 47

GENERAL INFORMATION			
SCALE — NONE		PLATE 2 OF 13	
AS18	845	394599	C

[redacted]

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SUBMARINE TENDER AS18

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CORRECTED TO SUIT SHIP (AS 18)		
PLACE	DATE	APPROVED
COAST ENGINEERING CO. NORFOLK, VA.	4 MAY, 1967	PLAN REDRAWN
CHASNAVSHIPYD	20 NOV 1972	[signature]
CHASNAVSHIPYD	5 MAR 1980	M Baust
CHASNAVSHIPYD	25 MARCH 1985	
CHASNAVSHIPYD	30 JULY 1987	
CHASNAVSHIPYD	5 NOV 1988	

ORDER OF PLANS

TITLE	PLATE NO.
COVER SHEET	1
GENERAL DIMENSIONS & DATA SHEET	2
OUTBOARD PROFILE	3
INBOARD PROFILE	4
BRIDGES & SUPERSTRUCTURE DECK	5
UPPER DECK	6
MAIN DECK	7
SECOND DECK	8
THIRD DECK	9
FIRST PLATFORM	10
SECOND PLATFORM	11
HOLD	12
INNER BOTTOM	13

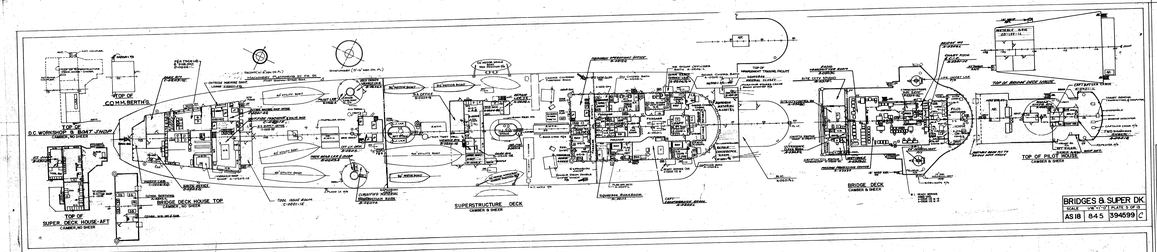
BOOKLET OF GENERAL PLANS

COAST ENGINEERING CO.
NORFOLK, VIRGINIA

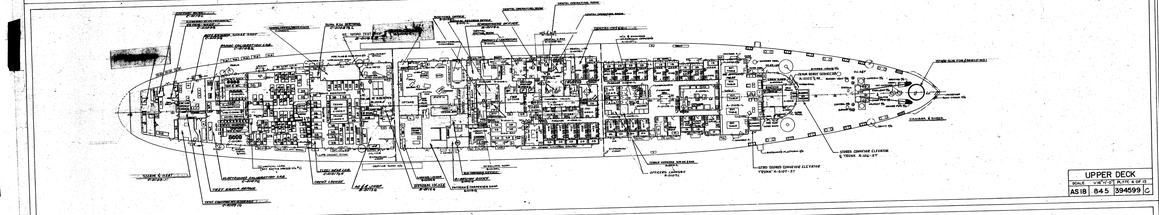
SCALE 1/16" = 1 FOOT	DATE 6/23/67
DRAWN BY C.E.Co.	APPROVED [signature]
TRACED BY C.E.Co.	
CHECKED BY G.C.C.	
SUPERVISOR [signature]	
NAVAL ARCH. H.W. [signature] Jr.	SUP. SHIP.

BUREAU OF SHIPS No. AS18-845-394599 D

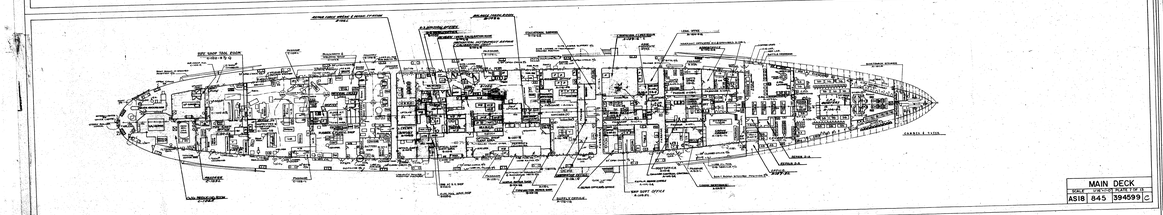
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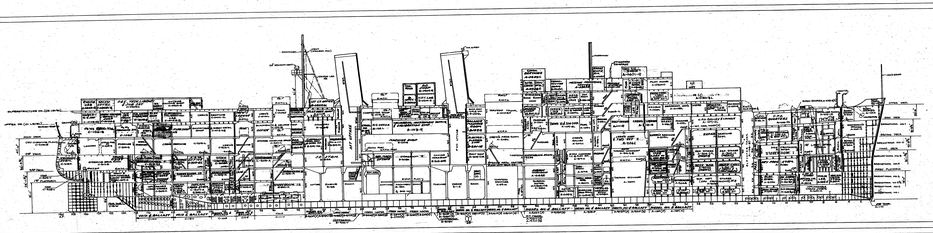
BRIDGES & SUPER DK
SCALE 1/4"=1'-0" PLATE 3 OF 5
AS18 845 394599 C



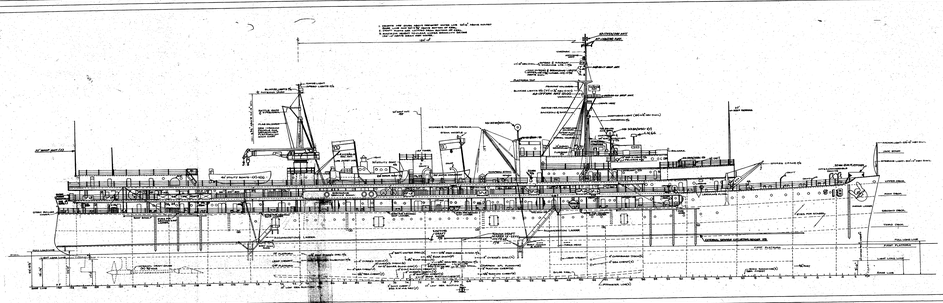
UPPER DECK
SCALE 1/4"=1'-0" PLATE 4 OF 5
AS18 845 394599 C



MAIN DECK
SCALE 1/4"=1'-0" PLATE 5 OF 5
AS18 845 394599 C



INBOARD PROFILE
SCALE 1/4"=1'-0" PLATE 4 OF 5
AS18 845 394599 C



OUTBOARD PROFILE
SCALE 1/4"=1'-0" PLATE 5 OF 5
AS18 845 394599 B

PRIOR MARKING MARKED NOT RELEASABLE TO FOREIGN NATIONALS

CLASSIFIED

NO.	DATE	DESCRIPTION
C		ALTERATIONS
B		THIS PLAN CONFORMS TO BUILT WITH SHIP AS CHECKED
A		THIS PLAN SUPERSEDED TO AGREE WITH AS SHIPPED

COAST ENGINEERING COMPANY
NORFOLK, VIRGINIA

HULL PLAN

APPROVAL
NAVAL ARCHITECT
APPROVAL SUPERV.
BUREAU APPROVAL

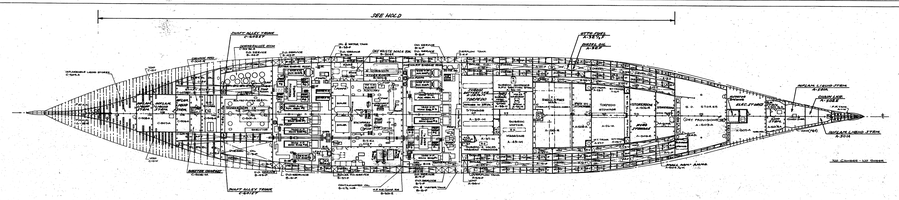
FORWARDED TO BUREAU
LETTER NO.
DATE
REFERENCE

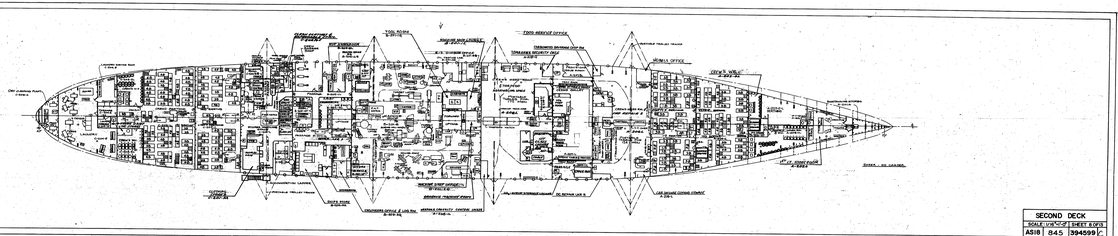
EXAMINED AND FOUND CORRECT
DATE SUPERVISOR OF SHIPBUILDING, U.S.N.

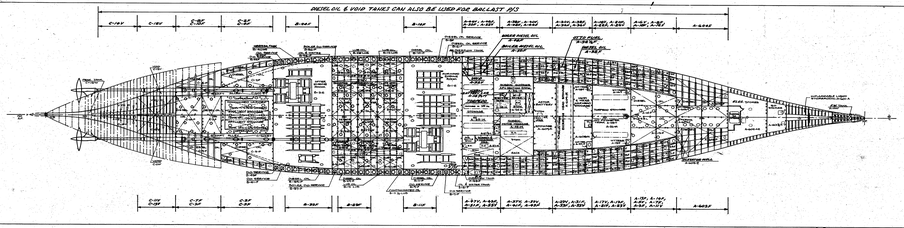
BOOKLET OF GENERAL PLANS

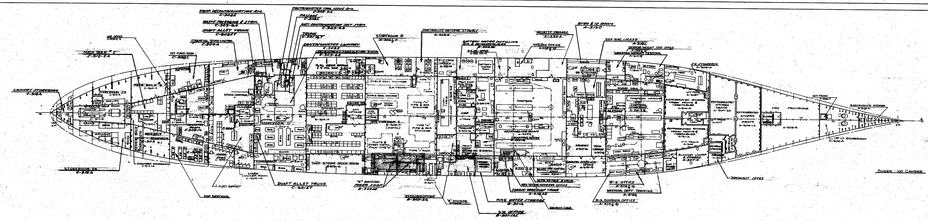
BUREAU OF SHIPS PLAN NUMBER
AS 18 845 394599 ALT. C

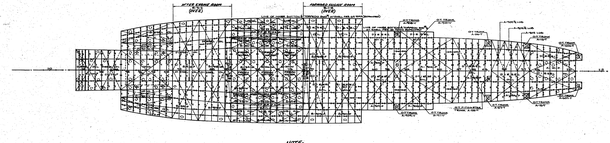
SHT 1 of 2

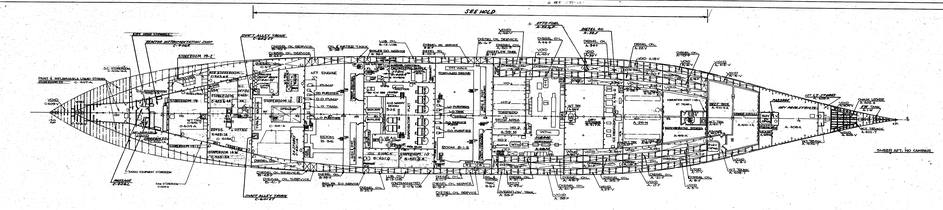












BUREAU OF SHIPS PLAN NUMBER

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